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Research interest: Mathematical Education Research, Non-Euclidean Geometries.

Recent publications:

[1] Balaban I., Mu E.,B. Divjak: *Development of an electronic Portfolio system success model: An information systems approach*. **Computers and Education**, Vol 60, Issue 1, January 2013, Pages 396-411.
[2] Milin ŠipušŽ. B. Divjak, *Surfaces of Constant Curvature in the Pseudo-Galilean space*. **International Journal of Mathematics and Mathematical Sciences**, Vol. 2012 ID 37526, 28 pages doi: 10.1155/2012/37526. (2012)
[3] Milin ŠipušŽ., B. Divjak, *Translation surfaces in the Galilean space*. **Glasnik Matematicki, Vol. 46, No. 2** (2011), 455-469.
[4] Erjavec, Z., Divjak, B., Horvat, D. *The General Solutions of Frenet's System in the Equiform Geometry of the Galilean, Pseudo-Galilean, Simple Isotropic and Double Isotropic Space*. **International Mathematical Forum**. 6 (2011), 17; 837-856
[5] Divjak B., Erjavec Z.,Szabolcs B., Szilagyi B., *Geodesics and Geodesic Spheres in SL(2,R) Geometry*. **Mathematical Communications 14** (2009) 2, 413-424.

Selected publications:

[1] Divjak B., Ostroški M., Vidaček Hainš V.; *Sustainable student retention and gender issues in Mathematics for ICT study*. **International Journal of Mathematical Education in Science and Technology 41**(2010), 3, 293-310.
[2] Divjak, B. Milin Šipuš, Ž. *Some special surfaces in the Pseudo-Galilean space*, **Acta Matematica Hungarica 118 (3)** (2008) 209-226.
[3] Divjak B., Milin-Šipuš Ž.; *Special curves on ruled surfaces in Galilean and pseudo-Galilean space*, **Acta Matematica Hungarica, 98** (2003) 3, 203-215.
[4] Divjak B., Milin-Šipuš Ž.; *Mappings of Ruled Surfaces in Simply Isotropic Space that Preserve the Rulings*, **Monatshefte für Mathematik, 139** (2003), 3, 235 – 245.
[5] Divjak B., Milin-Šipuš Ž.; *Minding's isometries of ruled surfaces in Galilean and pseudo-Galilean space*, **Journal of Geometry 77** (2003) 35-47.